



2121

PATENT

## In the United States Patent and Trademark Office

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Applicant: Honkai Tam ) Examiner: Tara Washington  
 )  
Applicant's Reference: P6402 ) Group Art Unit: 2121 RECEIVED  
 )  
Application No: 10/066,384 ) Docket No: SUNMP180 MAY 15 2003  
 )  
Filed: 01/31/2002 ) Date: May 7, 2003  
 )  
Title: ULTRA-FAST ADDER )  
Technology Center 2100

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450 on May 7, 2003.

Signed:

Debbie Triacca

Debbie Triacca

### Separate Letter to the Official Draftsperson

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

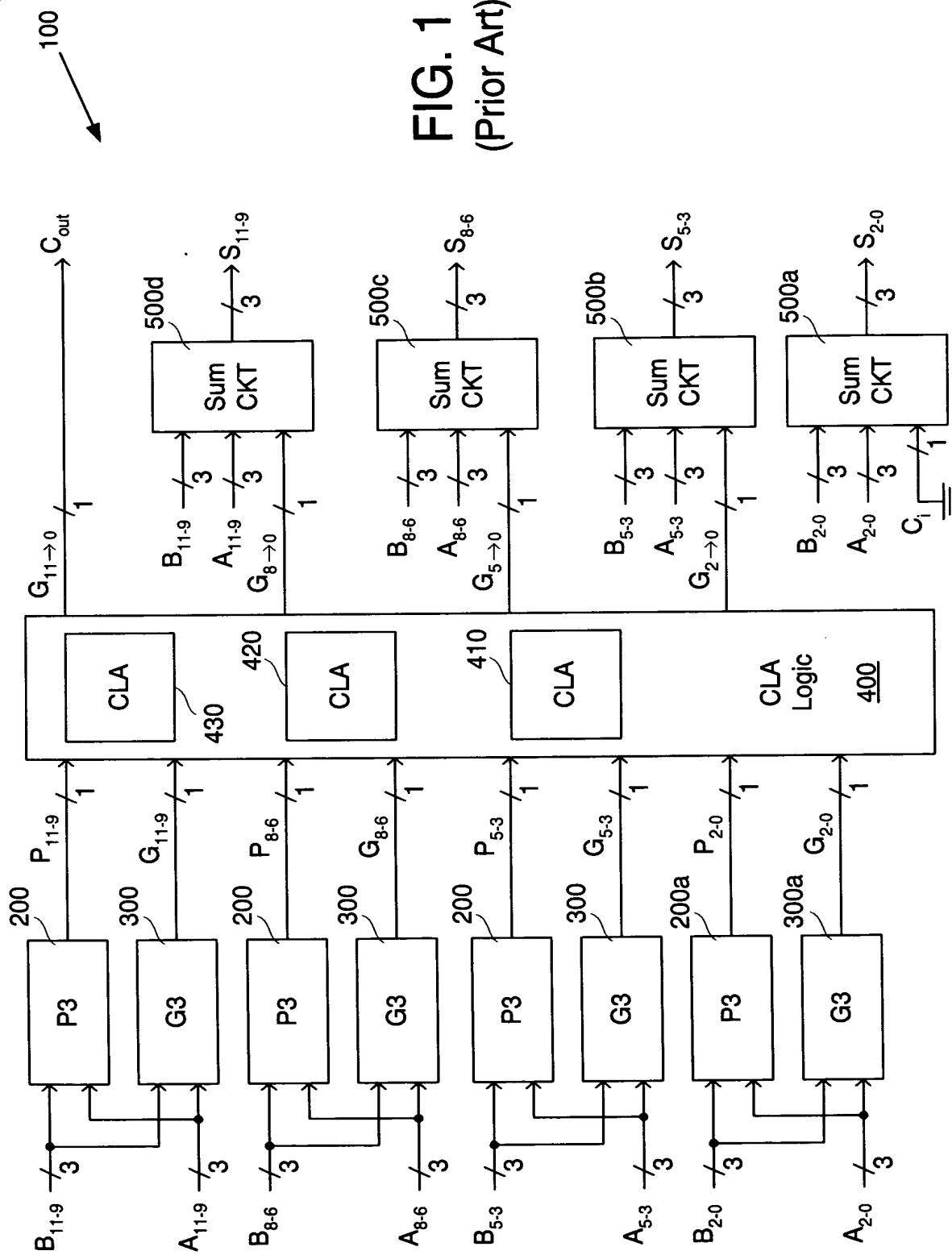
Dear Sir:

Applicant hereby attaches eleven (11) sheets of the formal drawings (Figures 1, 2, 3, 4A, 4B, 4C, 5, 6, 7, 8, 9, 10A, 10B, 10C, 11, & 12), for the above-identified patent application. If the Draftsperson has any question concerning the drawings, he or she is respectfully requested to contact the undersigned. If any fees are due in connection with the filing of these drawings, then please charge such fees to our Deposit Account # 50-0805 (Order No: SUNMP180).

Respectfully submitted,  
MARTINE & PENILLA, LLP

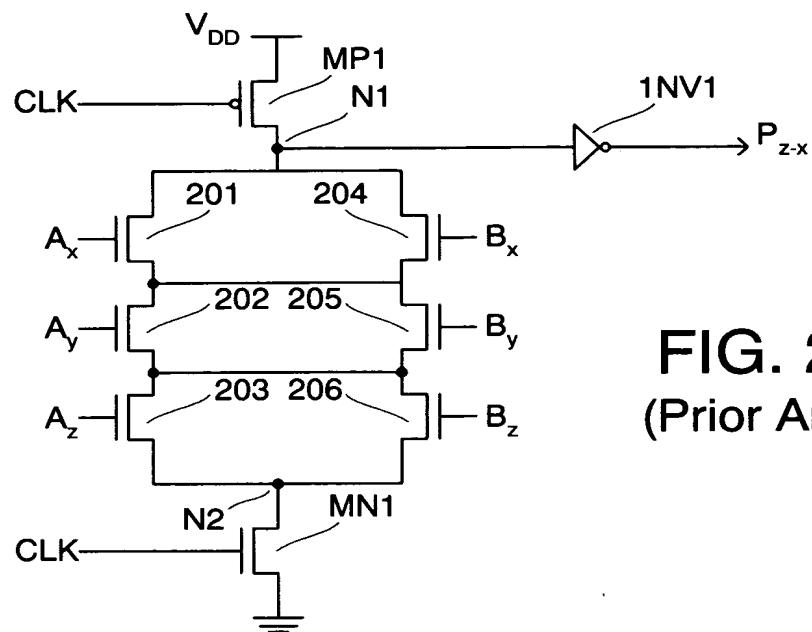
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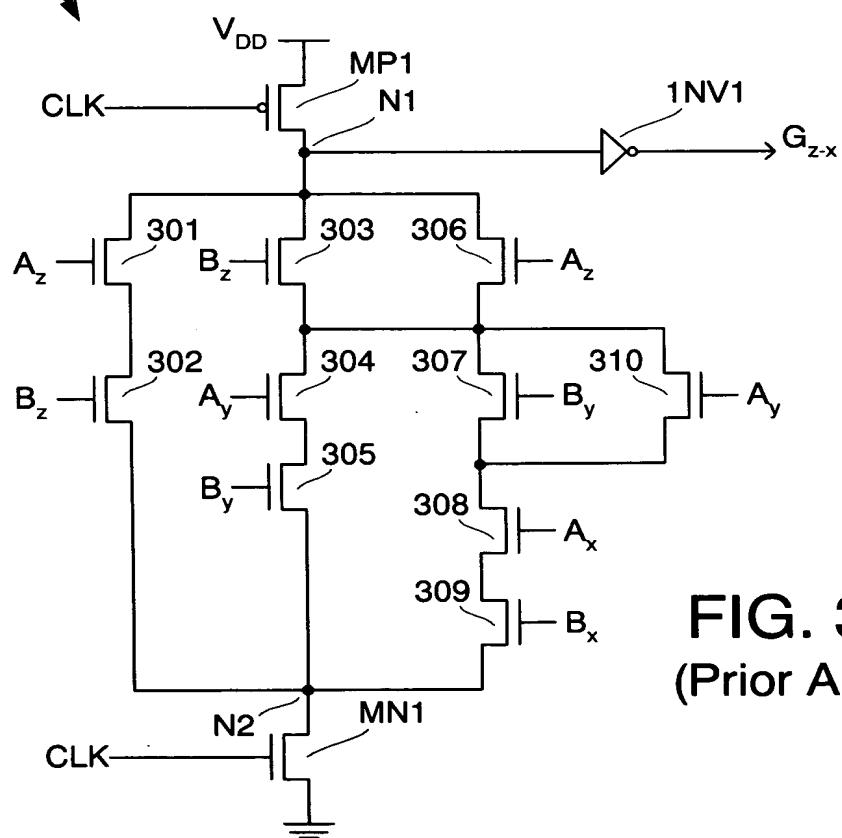


200 →



**FIG. 2**  
(Prior Art)

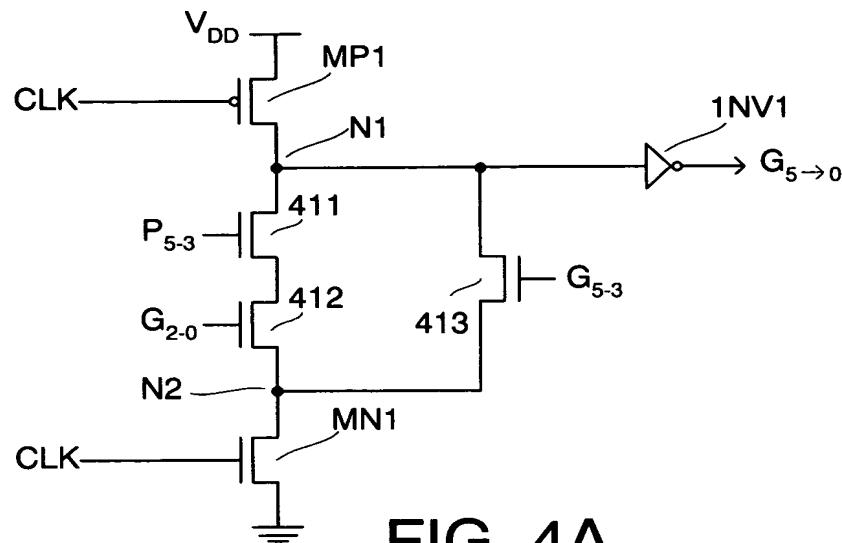
300 →



**FIG. 3**  
(Prior Art)

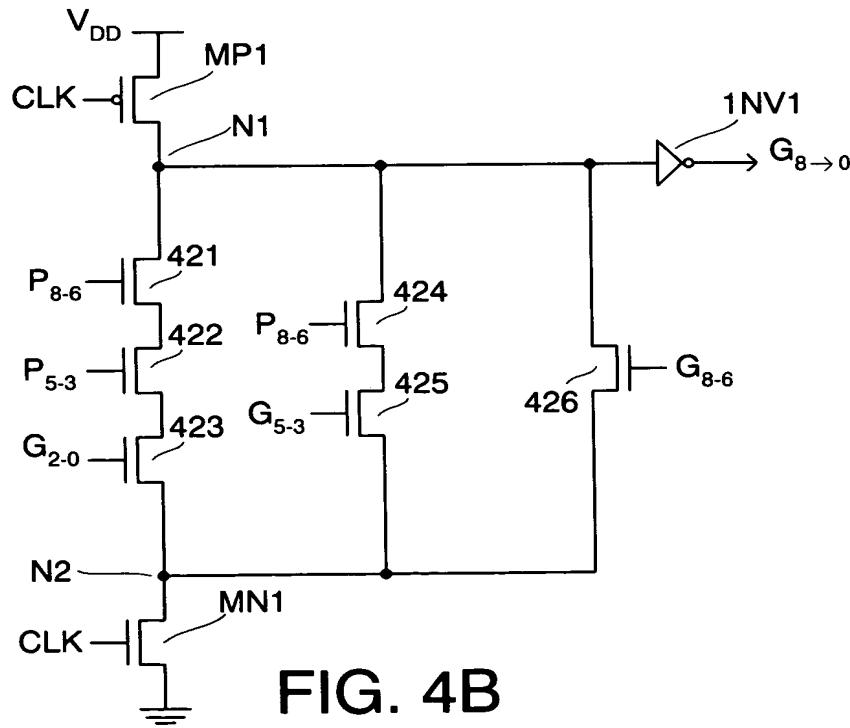


Application #: 10/066,384  
 Sheet 3 of FIG. 4A & FIG. 4B  
 (Prior Art)



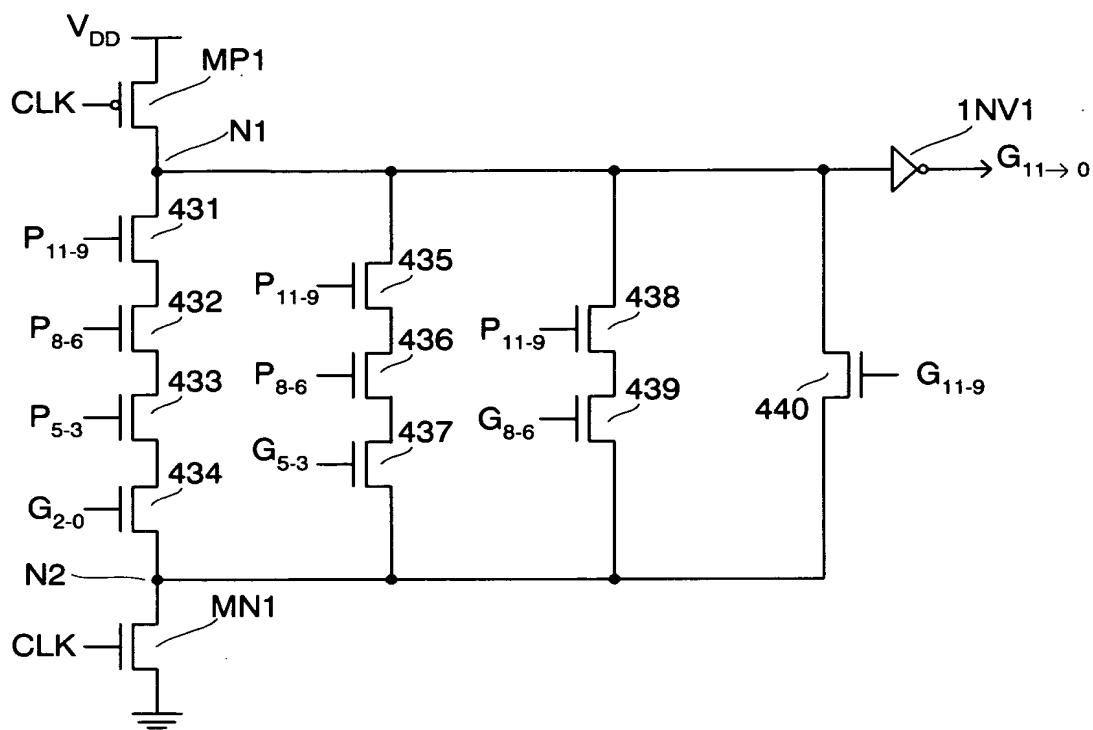
**FIG. 4A**  
 (Prior Art)

420 →

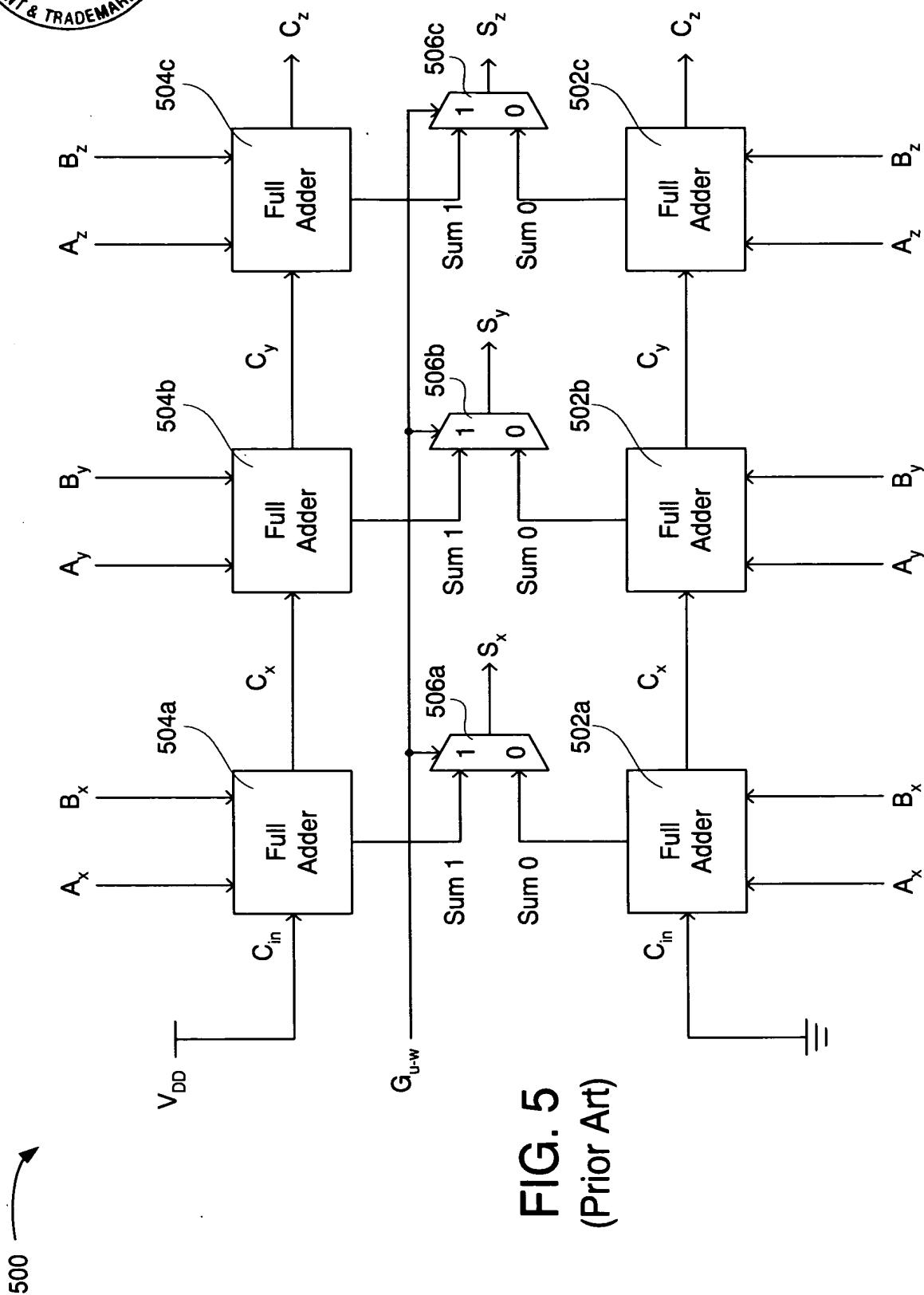


**FIG. 4B**  
 (Prior Art)

430



**FIG. 4C**  
(Prior Art)



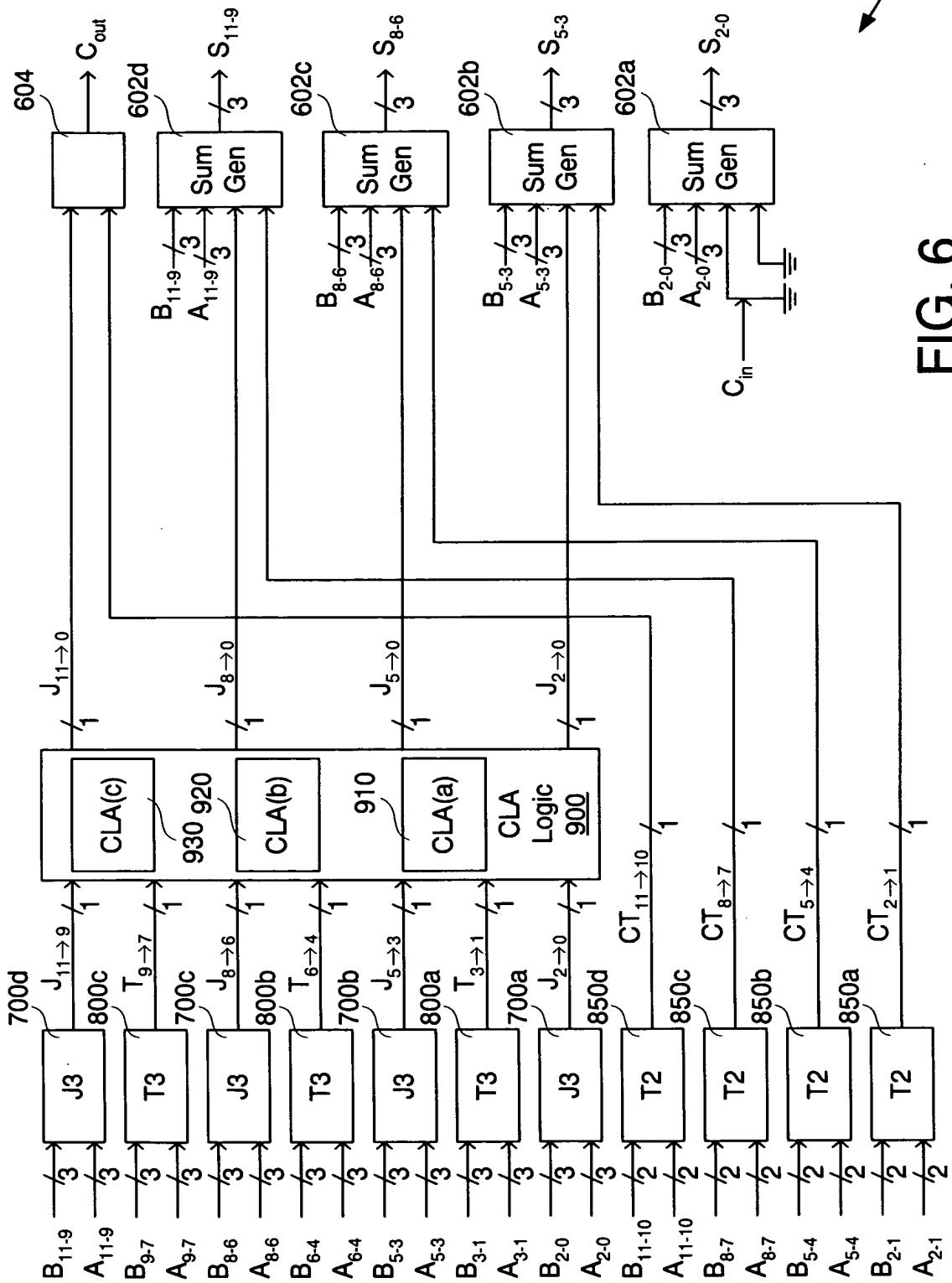
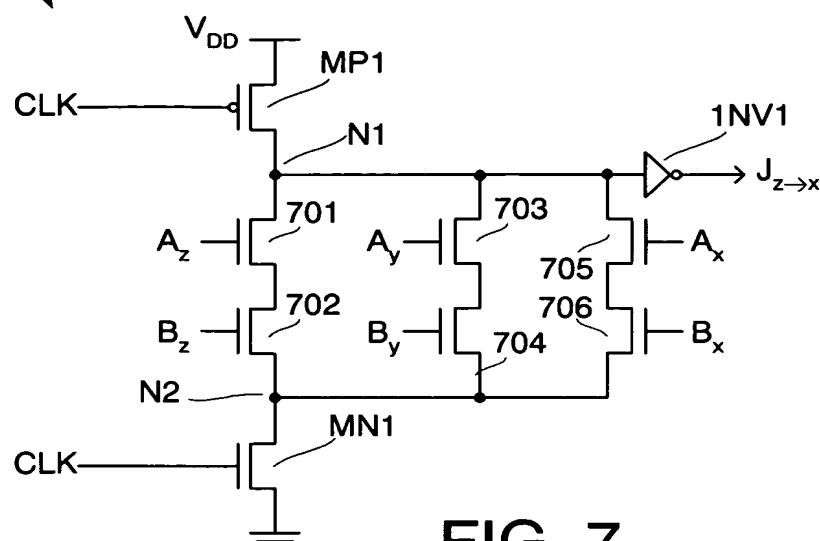


FIG. 6

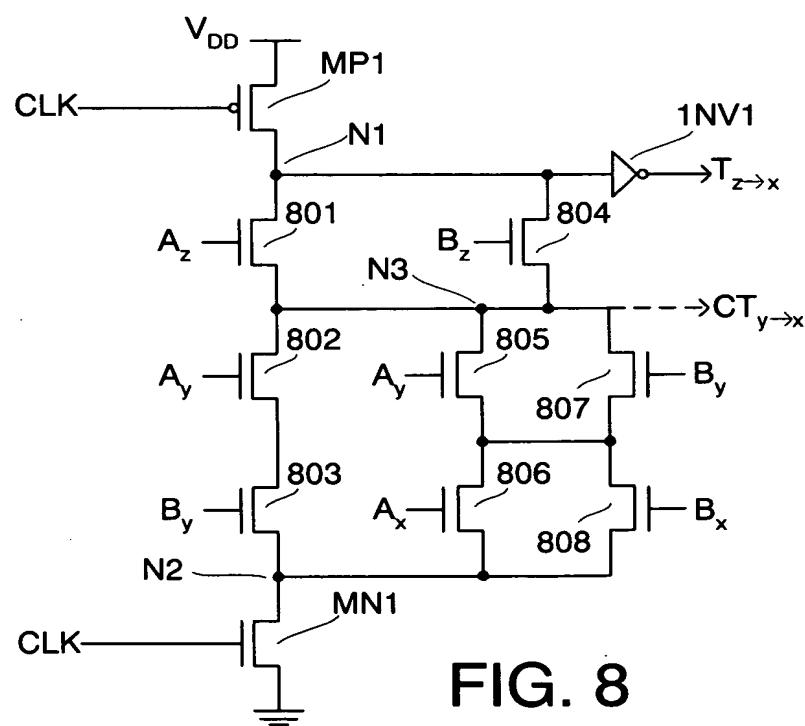


700



**FIG. 7**

800

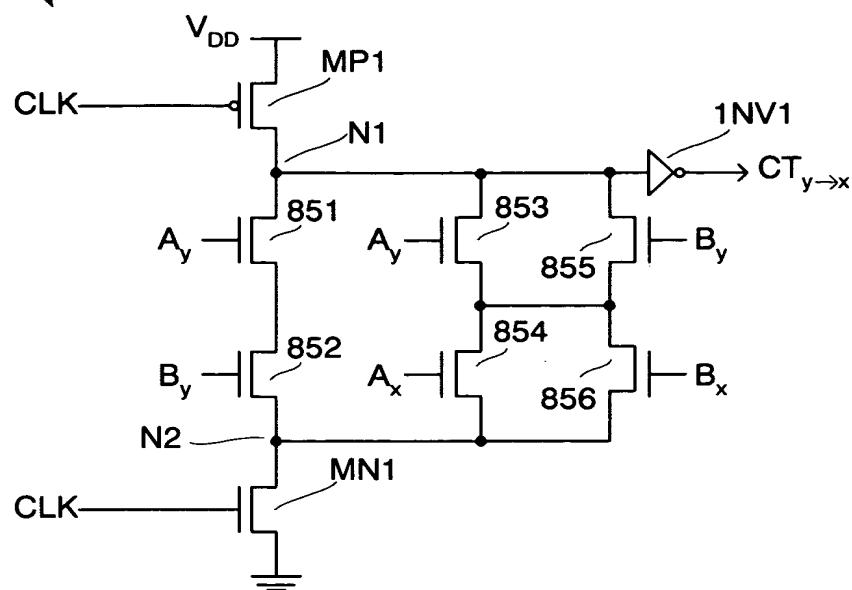


**FIG. 8**



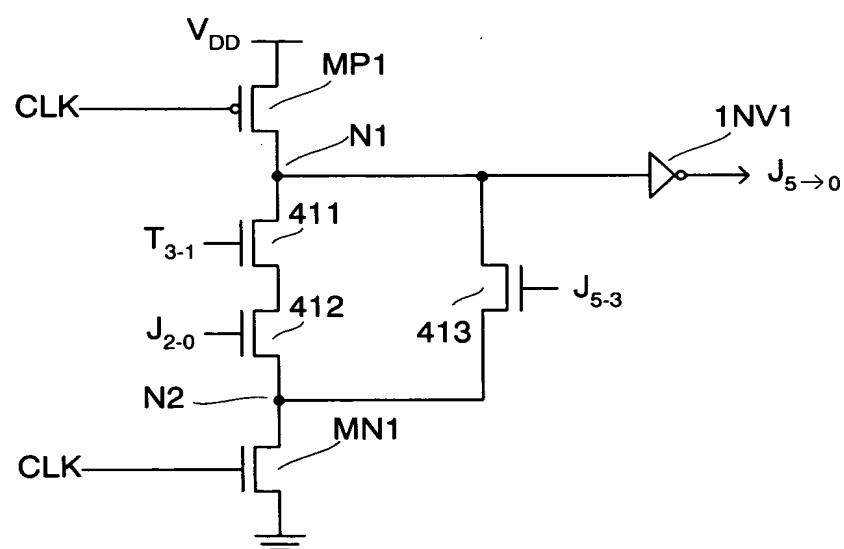
Application #: 10/066,384  
Sheet 8 of FIG. 9 & FIG. 10A

850



**FIG. 9**

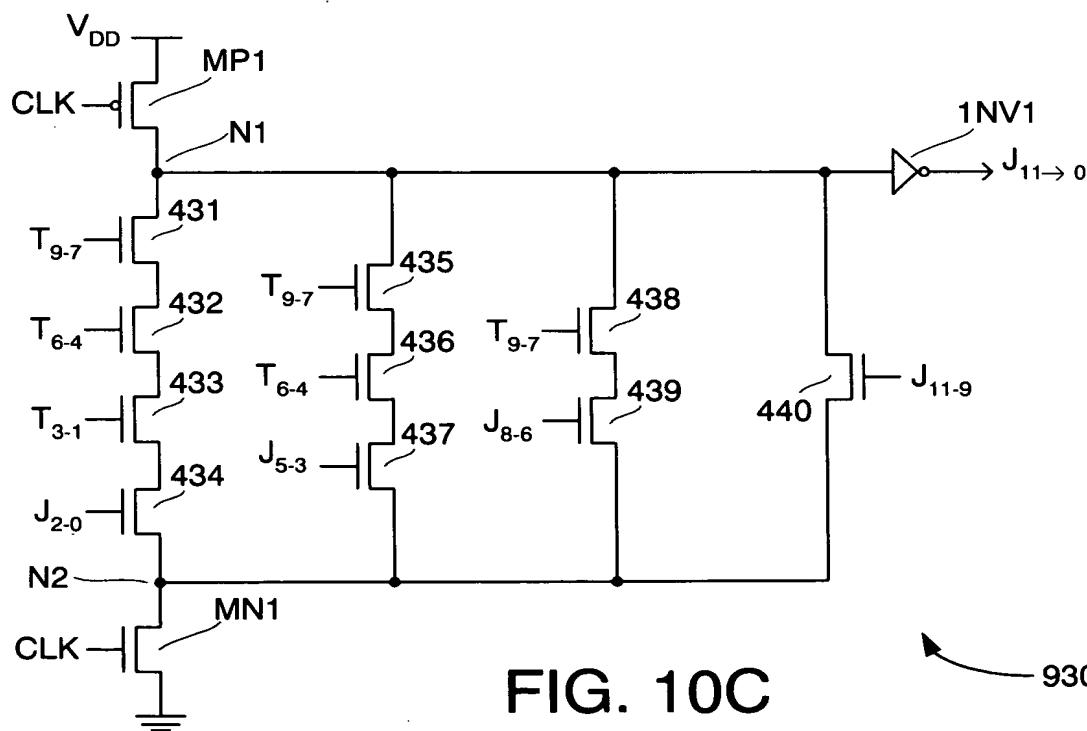
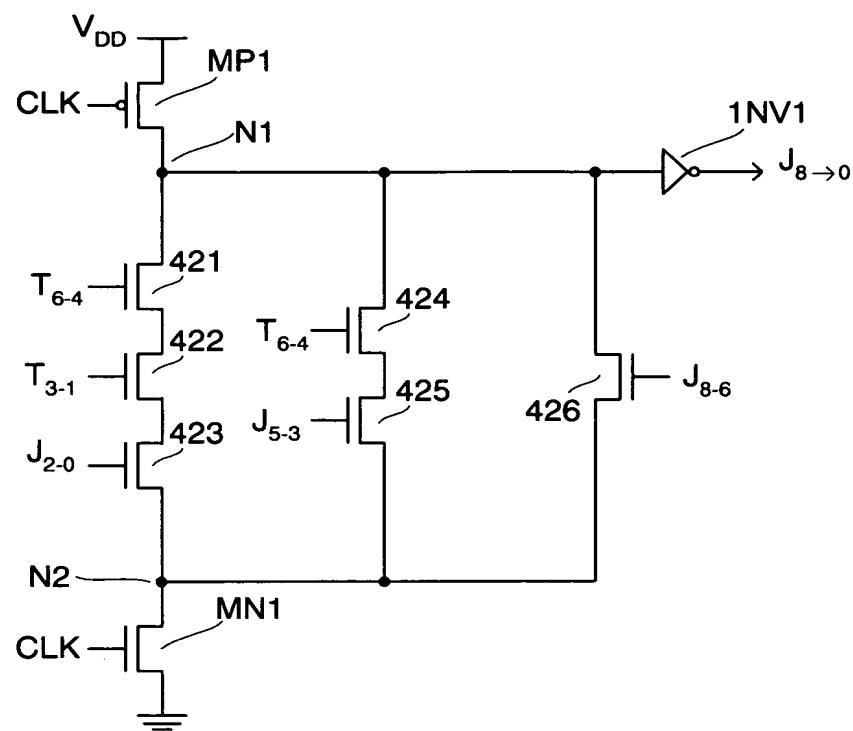
910



**FIG. 10A**



**FIG. 10B**



**FIG. 10C**

930

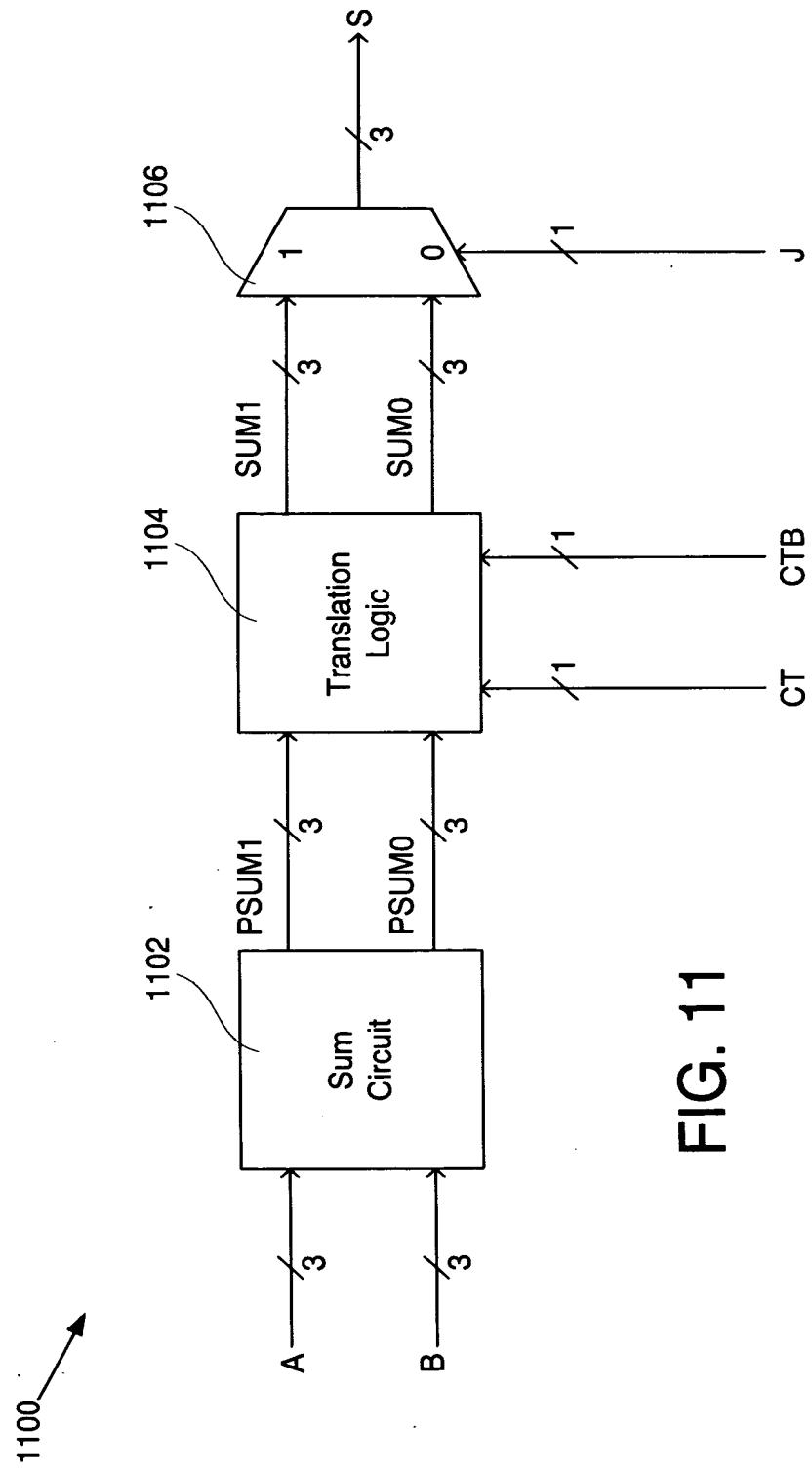


FIG. 11



FIG. 12

